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Amendments to the claims (this listing replaces all prior versions):

1-23.   (Cancelled).

24.   (Original) A method for collecting traffic information comprising:

   tracking the location of a vehicle, including detecting when the vehicle traverses
        each of a plurality of segments of a road network; and

   for each detected segment, comparing the vehicle's speed on the segment to a
        stored speed for that segment, and

   if the vehicle's speed on the segment deviates from the stored speed, transmitting a
        traffic notification identifying that segment to a server.

25.   (Original) A method for collecting traffic information comprising:

   tracking the location of a vehicle, including detecting when the vehicle traverses
        each of a plurality of segments of a road network;

   for each detected segment, logging traffic-related data, including data related to the
        vehicle's speed on the detected segment; and

   transmitting the logged data to a server.

26.   (Original) The method of claim 25 further comprising receiving a command from
the server to enable logging of the traffic-related data.

27.   (Original) The method of claim 25 further comprising receiving a request to
transmit the logged data to the server.

28.   (Cancelled) A method for collecting traffic information comprising:

tracking the location of a vehicle, including detecting when the vehicle traverses each of a plurality of segments of a road network; and

for each detected segment, comparing the vehicle's speed on the segment to a stored speed for that segment, and

if the vehicle's speed on the segment deviates from the stored speed, transmitting a traffic notification identifying that segment to a server.

29-37. (Cancelled)

38.   (New) The method of claim 24, further comprising storing a map of the road network at the vehicle, the map including data characterizing the plurality of segments of the road network, the data characterizing at least some of the segments including the stored speed for each of those segments.

39.   (New) The method of claim 38, wherein tracking the location of the vehicle includes using the stored map, including using the data characterizing the segments in detecting when the vehicle traverses the segments.

40.   (New) The method of claim 38, wherein the stored speed for a segment comprises an average vehicle speed.

41.   (New) The method of claim 38, wherein the map includes data indicating a particular time of day, and the stored speed comprises an average vehicle speed during the particular time of day.

42.   (New) The method of claim 41, wherein the particular time of day comprises a morning busy period, and the map includes data indicating start and end times of the morning busy period.

43. (New) The method of claim 41, wherein the particular time of day comprises an evening busy period, and the map includes data indicating start and end times of the evening busy period.

44. (New) The method of claim 24, wherein the traffic notification is sent to the server when the vehicle's speed deviates from the stored speed by more than a threshold value.

45. (New) The method of claim 25, further comprising storing a map of the road network at the vehicle, the vehicle including a storage associated with at least some of the segments for storing the traffic related data.

46. (New) The method of claim 45, wherein tracking the location of the vehicle includes using the stored map, including using the data characterizing the segments in detecting when the vehicle traverses the road segments.

47. (New) The method of claim 45, wherein the traffic related data associated with a segment comprises a time of day when the vehicle traversed the segment.

48. (New) The method of claim 45, wherein the logged data is transmitted to a server periodically.

49. (New) The method of claim 45, wherein the logged data associated with a segment comprises information indicating that the vehicle's speed on the segment deviates from a stored speed associated with the segment.

50. (New) The method of claim 49, wherein the stored speed comprises an average vehicle speed.

51. (New) The method of claim 50, wherein the stored speed comprises an average vehicle speed during the particular time of day, and the storage includes data indicating the particular time of day.

52. (New) The method of claim 51, wherein the particular time period comprises a morning busy period, and the storage includes data indicating start and end times of the morning busy period.

53. (New) The method of claim 51, wherein the particular time period comprises an evening busy period, and the storage includes data indicating start and end times of the evening busy period.